

B. Amendment to the Claims

Please cancel claims 6-9, 11-15 and 17-31 without prejudice or disclaimer.

1-9. (Cancelled)

10. (Previously Presented) A metallic rotary polygonal mirror comprising:

a metallic polygonal mirror substrate made of aluminum or an aluminum alloy;

an intermediate layer of  $\text{TiO}_2$  formed by vacuum deposition on the substrate;

a metallic reflective layer of Cu formed by vacuum deposition on the intermediate layer; and

a protective layer including at least a layer of  $\text{Al}_2\text{O}_3$ , formed by vacuum deposition on the metallic reflective layer,

wherein said protective layer comprises a double layer consisting of a first protective layer and a second protective layer,

wherein said first protective layer is a layer of  $\text{Al}_2\text{O}_3$ , and said second protective layer is a layer of  $\text{SiO}_2$ , and

wherein said first protective layer has a layer thickness of from 150 nm to 200 nm, and said second protective layer has a layer thickness of from 10 nm to 20 nm.

11-31. (Cancelled)